

**Certificate of Analysis for**

Herba Re-Leaf LLC
281 West 6th Street
West Wyoming, PA 18644
Phone: (570) 447-5409

Received: 12/16/2024 @ 21 °C
Report ID: 2412640

Sample ID: 2412640-001 Golden Standard

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 12/16/24

Aerobic Plate Count	< 10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/16/24

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/16/24

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 12/19/24

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	< 0.00500	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 12/18/24

7-Hydroxymitragynine	< 0.100	mg/mL	Isorhynchophylline	< 0.100	mg/mL
Mitragynine	11.2	mg/mL	Mitraphylline	< 0.100	mg/mL
Paynantheine	1.27	mg/mL	Speciociliatine	1.16	mg/mL
Speciogynine	0.788	mg/mL	Total Alkaloids	14.5	mg/mL

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 12/16/24

Salmonella spp.	Negative	/10 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 12/16/24

Staphylococcus aureus	< 10	CFU/g
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STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 12/16/24

Shiga toxin-producing E. coli	Negative	/10 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 12/16/24

Yeast and Mold	< 10	CFU/g
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Reported By: _____

Jake S Hedges, Chemistry Laboratory Technician, 12/20/2024